WPI

TI - Exposure control apparatus for video camera - has transformation gain setting unit that sets up size of transformation gain based on detected time variation

AB - J10336514 NOVELTY - A detector (2) detects level of luminance signal from an image pick-up unit (1). A differential detector (3) compares the level of luminance signal and a predetermined target level and generates a differential signal. A control signal production unit (8) transforms the differential signal into control signal based on the transformation gain, to control an exposure controller (6). A variation detector (4) detects time variation of luminance signal level. A gain setting unit (5) sets up the size of transformation gain depending on time variation. DETAILED DESCRIPTION - The transformation gain setter sets the transformation gain to be large when time variation is smaller than a predetermined amount. Similarly the transformation gain is set small when time variation is larger than predetermined value.

- USE - For video camera.

- ADVANTAGE - The need for suppressing variation of peripheral units is eliminated. Simplifies setting up of transformation gain. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of exposure control apparatus. (1) Image pick-up unit; (2) Level detector; (3) Differential detector; (4) Variation detector; (5) Gain setting unit; (6) Exposure controller; (8) Control signal production unit.

- (Dwg.1/2)

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